

Title (en)
Laser-beam bar code reader.

Title (de)
Laserstrahl für Streifencodeleser.

Title (fr)
Lecteur à rayon laser de code à barres.

Publication
EP 0480348 A1 19920415 (EN)

Application
EP 91117038 A 19911007

Priority
IT 367990 A 19901009

Abstract (en)
Bar code reader including two sources (3,4) which are enabled to emit respective laser beams with a cyclic alternation; the laser beams are focused by optical elements (5-11) on two different regions (A1,A2) of a read area. Reflected rays from the read area are processed by a decoding unit (14) operatively connected to the laser-beam sources (3,4) so that when the presence of a code in the read area is detected, only the laser beam which is focused on the region in which the bar code is present remains enabled. <IMAGE>

IPC 1-7
G06K 7/10

IPC 8 full level
G06K 7/10 (2006.01)

CPC (source: EP US)
G06K 7/10574 (2013.01 - EP US); **G06K 7/10811** (2013.01 - EP US); **G06K 7/10871** (2013.01 - EP US); **G06K 2207/1018** (2013.01 - EP US)

Citation (search report)
• [A] EP 0360249 A2 19900328 - TOKYO ELECTRIC CO LTD [JP]
• [A] EP 0360250 A2 19900328 - TOKYO ELECTRIC CO LTD [JP]
• [A] GB 2018483 A 19791017 - SUMITOMO ELECTRIC INDUSTRIES
• [A] DE 3311352 C1 19840315 - WEBER RUDOLF INGBUERO KG

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EP0926615A1; EP2498203A3; EP1496464A1; DE4227003C1; GB2319103A; US5979769A; GB2319103B; EP0652530A3; EP1607901A3; US6177979B1; US6527184B1

Designated contracting state (EPC)
DE FR GB SE

DOCDB simple family (publication)
EP 0480348 A1 19920415; EP 0480348 B1 19970108; DE 69124052 D1 19970220; DE 69124052 T2 19970522; IT 1242584 B 19940516; IT 9003679 A0 19901009; IT 9003679 A1 19920409; US 5446267 A 19950829; US RE37017 E 20010116

DOCDB simple family (application)
EP 91117038 A 19911007; DE 69124052 T 19911007; IT 367990 A 19901009; US 19124194 A 19940203; US 92104597 A 19970829